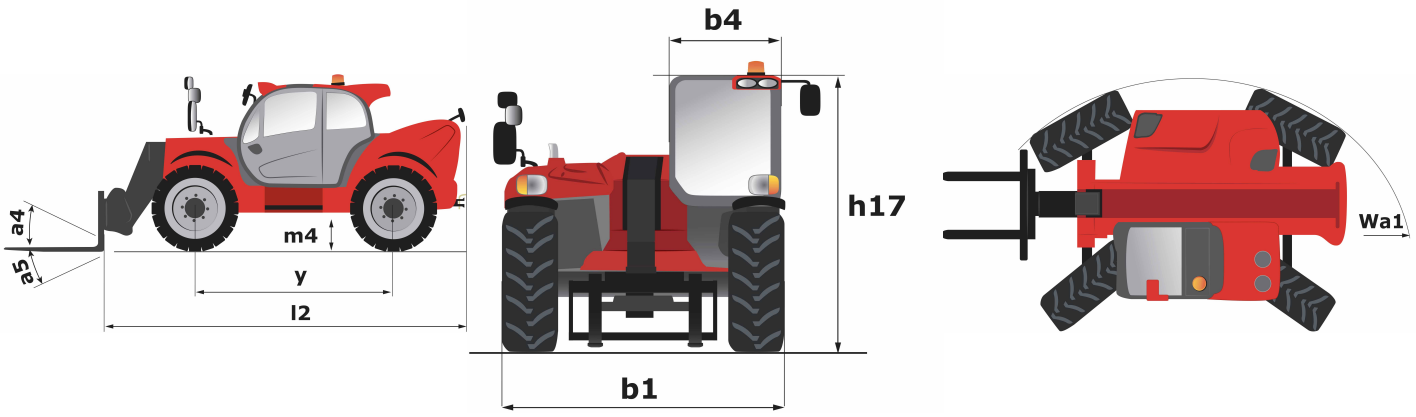
Technical sheet :

MHT-X 10230

MANITOU
HANDLING YOUR WORLD

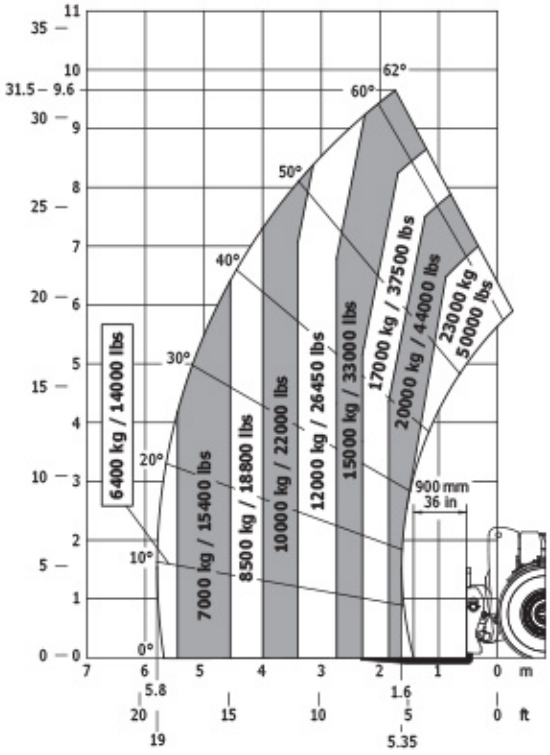
Capacities		Metric
Max. capacity		23000 kg
Load centre of gravity	c	900 mm
Max. lifting height		9.65 m
Max. Reach		5.80 m
Weight and dimensions		
Unladen weight (with forks)		29300 kg
Ground clearance	m4	0.49 m
Wheelbase	y	3.90 m
Length to face of forks	l2	6.99 m
Overall width	b1	2.85 m
Overall height	h17	3.05 m
Overall cab width	b4	0.93 m
Tilt-down angle	a5	105 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	5.40 m
Outer turning radius (with forks)	b15	6.65 m
Forks length / width / section	l / e / s	110 mm x 200 mm / 200 mm
Frame levelling corrector	a9	10 °
Wheels		
Standard tyres		Aeolus - 18.00 R25 AIN 47
Number of front wheels / rear wheels		2 / 2
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Engine		
Engine brand		Mercedes
Engine norm		Stage IIIA
Engine model		OM904LA
Number of cylinders / Capacity of cylinders		4 - 4250 cm³
I.C. Engine power rating / Power (kW)		176 Hp / 129 kW
Max. torque / Engine rotation		675 Nm@1200 rpm
Engine cooling system		Water
Number of batteries		2
Battery / Batteries capacity		12 V / 120 Ah
Drawbar pull (Laden)		18500 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		25 km/h
Parking brake		Automatic Negative Hand-brake
Service brake		Hydraulic
Gradeability (laden)		34 %
Hydraulics		
Hydraulic pump type		Variable pump
Hydraulic flow - Pressure		205 l/min - 350 Bar
Tank capacities		
Engine oil		21 l
Hydraulic oil		290 l
Fuel tank		315 l
Noise and vibration		
Noise at driving position (LpA)		80 dB(A)
Noise to environment (LwA)		107 dB(A)
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Safety cab homologation		ROPS - FOPS cab (level 2)
Controls		JSM
Attachment recognition system (E-Reco)		Standard

Dimensional drawing

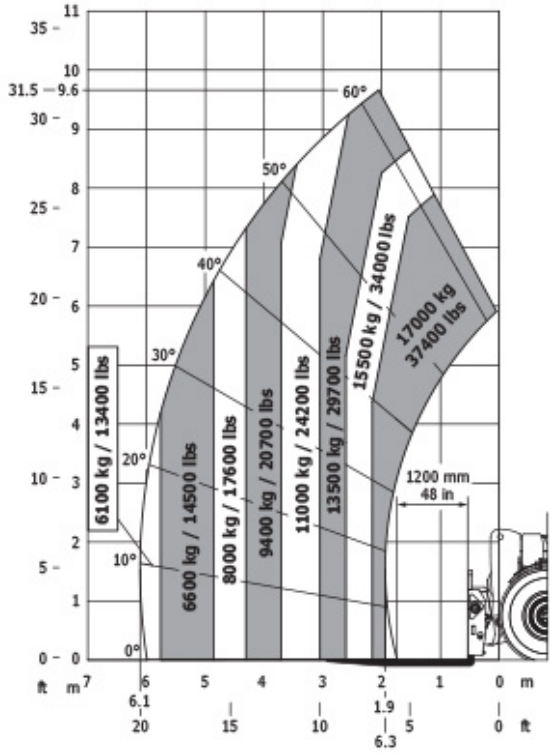


Load chart

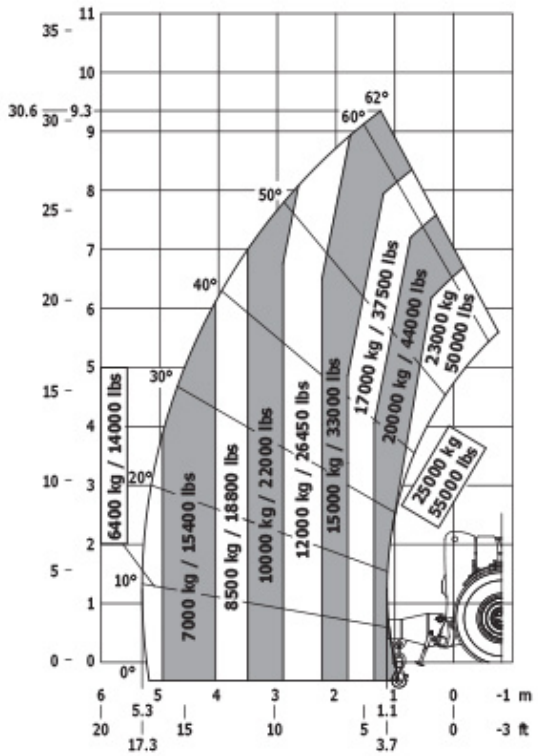
Machine on tyres with forks LC 900 mm Metric



Machine on tyres with forks LC 1200 mm Metric



Machine on tyres with jib Metric



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